

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



re the Application of

Group Art Unit: TO BE ASSIGNED

Application No.: 10/679,258

Examiner: TO BE ASSIGNED

Filed: October 7, 2003

Docket No.: 51637/76

For: MULT-MARKER SCREENING PROTOCOL FOR FETAL
ABNORMALITIES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR § 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. The filing of this Information Disclosure Statement and the enclosed PTO Form No. 1449, shall not be construed as an admission that the information cited is prior art, or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b). It is believed that no fees are due, but authorization is hereby given to charge any fees that may be due, or to credit any overpayment to, Deposit Account 11-0600.


This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.

Since this application was filed after June 30, 2003, copies of U.S. references are not included.

Respectfully submitted,

KENYON & KENYON

Date: 1/27/04



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	10/679,258
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Filing Date	October 7, 2003
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First Named Inventor	Krantz et al.
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<i>Examiner Name</i>	TO BE ASSIGNED
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Attorney Docket Number | 51637/76

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-6,573,103B1	06-03-03	Wald	
		US- 6,429,018B1.	08-06-02	Cole et al.	
		US- 6,025,149	02-15-00	Cuckle et al.	
		US- 6,022,695	02-08-00	Beard et al.	
		US- 6,010,912	01-04-00	Davies	
		US- 5,906,944	05-25-99	Davies	
		US- 5,834,317	11-10-98	Davies	
		US- 5,840,586	11-24-98	Davies	
		US- 5,716,853	02-10-98	Cuckle et al.	
		US- 5,605,843	02-25-97	Canick et al.	
		US- 5,324,668	06-28-94	Macri	
		US- 5,324,667	06-28-94	Macri	
		US- 5,316,953	05-31-94	Macri	
		US- 5,258,907	11-02-93	Macri	
		US- 5,252,489	10-12-93	Macri	
		US- 5,100,806	03-31-92	Macri	
		US-			
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FOREIGN PATENT DOCUMENTS

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Examiner
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 2

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Application Number	10/679,258
Filing Date	October 7, 2003
First Named Inventor	Krantz et al.
Art Unit	TO BE ASSIGNED
Examiner Name	TO BE ASSIGNED
Attorney Docket Number	51637/76

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		MERLATZ IR, ET AL., "An association between low maternal serum alpha-fetoprotein and fetal chromosomal abnormalities," Am. J. Obstet. Gynecol., 148:886-894 (1984)	
		STEMPFLE N., ET AL., "Skeletal abnormalities in fetuses with Down's syndrome: a radiographic post-mortem study," Pediatr. radiol., 29:682-688 (1999)	
		LOCKWOOD C., ET AL., "A sonographic screening method for Down syndrome," Am. J. Obstet. Gynecol., 157:803-808 (1987)	
		BUTTERY B., "Occipitofrontal-Biparietal Diameter Ratio. An Ultrasonic Parameter for the Antenatal Evaluation of Down's Syndrome," Med. J. Aust., 2:662-664 (1979)	
		BORREL A., ET AL., "Brachycephaly is ineffective for detection of Down syndrome in early midtrimester fetuses," Early Human Dev., 47:57-61 (1997)	
		ROSATI P. ET AL., "Early Transvaginal Measurement of Cephalic Index for the Detection of Down Syndrome Fetuses," Fetal Diagn. and Therapy, 14:38-40 (1999)	
		PLATT L.D., ET AL., "Screening for Down syndrome with the femur length/biparietal diameter ratio: A new twist of the data," Am. J. Obstet. Gynecol., 167:124-128 (1992)	

Examiner
SignatureDate
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